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2121 #14 SP  
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(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

\*

Application Number

10/062,992

Filing Date

1/31/02

First Named Inventor

Steven Teig, et al.

Group Art Unit

2121

Examiner Name

<none yet>

Attorney Docket Number

SPLX.P0096

### Enclosures (Check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☐ Amendment/Reply

☐ After Final

☐ Affidavits/declarations(s)

☐ Preliminary Amendment

☐ Extension of Time Request

☐ Express Abandonment  
Request

☐ Request to Rescind Previous  
Non-Publication Request

☒ Information Disclosure  
Statement and PTO-1449

Certified Copy of Priority  
Documents

☐ Response to Missing Parts/  
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☐ Response to Missing  
Parts under 37 CFR 1.52  
or 1.53

☐ Assignment Papers  
(for an application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional  
Application

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☐ Proprietary Information

☐ Status Letter

☒ Other Enclosures (Listed below):  
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27 References

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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Mani Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP

Signature

Date

January 16, 2004

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PATENT  
Docket No. SPLX.P0096

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Technology Center 2100

In the application of:

Steven Teig, et al.

Serial No.: 10/062,992

Filing Date: 1/31/02

For: STRUCTURE FOR STORING A  
PLURALITY OF SUB-NETWORKS

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement is submitted within three months of the application filing date or before the mailing date of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

If the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing SPLX.P0096. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: January 16, 2004

Respectfully submitted,

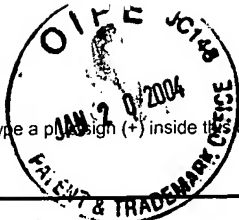
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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Application Number</b>     | 10/062,992          |
|   |   |    |   | <b>Filing Date</b>            | 1/31/02             |
|   |   |    |   | <b>First Named Inventor</b>   | Steven Teig, et al. |
|   |   |    |   | <b>Group Art Unit</b>         | 2121                |
|   |   |    |   | <b>Examiner Name</b>          |                     |
| <b>Sheet</b>  | 1 | of | 2 | <b>Attorney Docket Number</b> | SPLX.P0096          |

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| U.S. PATENT DOCUMENTS |                          |                      |                                      |                                      |  |   |
|-----------------------|--------------------------|----------------------|--------------------------------------|--------------------------------------|--|---|
| Examiner*<br>Initials | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Date of<br>Publication<br>MM-DD-YYYY | Name of Patentee or Applicant<br>of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |
|                       |                          | Number               | Kind Code <sup>2</sup><br>(if known) |                                      |  |   |
|                       | 1.                       | 2002/0157063         | A1                                   | 10-24-2002                           | Besson   |   |
|                       | 2.                       | 2002/0178432         | A1                                   | 11-28-2002                           | Kim et al.   |   |
|                       | 3.                       | 2003/0145288         | A1                                   | 07-31-2003                           | Wang et al.  |   |
|                       | 4.                       | 4,703,435            |                                      | 10-27-1987                           | Darringer et al.                                   |   |
|                       | 5.                       | 5,003,487            |                                      | 03-26-1991                           | Drumm et al.                                       |   |
|                       | 6.                       | 5,537,330            |                                      | 07-16-1996                           | Damiano et al.                                     |   |
|                       | 7.                       | 5,892,678            |                                      | 04-06-1999                           | Tokunoh et al.                                     |   |
|                       | 8.                       | 5,903,466            |                                      | 05-11-1999                           | Beausang et al.                                    |   |
|                       | 9.                       | 5,991,524            |                                      | 11-23-1999                           | Belkhale et al.                                    |   |
|                       | 10.                      | 6,080,204            |                                      | 06-27-2000                           | Mendel   |   |
|                       | 11.                      | 6,311,317            | B1                                   | 10-30-2001                           | Khoche et al.                                      |   |
|                       | 12.                      | 6,389,586            | B1                                   | 05-14-2002                           | McElvain   |   |
|                       | 13.                      | 6,397,170            | B1                                   | 05-28-2002                           | Dean et al.  |   |
|                       | 14.                      | 6,421,818            | B1                                   | 07-16-2002                           | Dupenloup et al.                                   |   |
|                       | 15.                      | 6,446,240            | B1                                   | 09-03-2002                           | Lyer et al.  |   |
|                       | 16.                      | 6,453,447            | B1                                   | 09-17-2002                           | Gardner et al.                                     |   |
|                       | 17.                      | 6,470,486            | B1                                   | 10-22-2002                           | Knapp  |   |
|                       | 18.                      | 6,519,609            | B1                                   | 02-11-2003                           | Touzet   |   |
|                       | 19.                      | 6,539,536            | B1                                   | 03-25-2003                           | Singh et al.                                       |   |
|                       | 20.                      | 6,543,037            | B1                                   | 04-01-2003                           | Limqueco et al.                                    |   |
|                       | 21.                      | 6,546,541            | B1                                   | 04-08-2003                           | Petranovic et al.                                  |   |

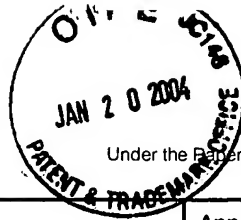
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|   |   |    |   | Filing Date            | 1/31/02             |
|   |   |    |   | First Named Inventor   | Steven Teig, et al. |
|   |   |    |   | Group Art Unit         | 2121                |
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| U.S. PATENT DOCUMENTS |     |           |    |            |                  |
|-----------------------|-----|-----------|----|------------|------------------|
|                       | 22. | 6,618,835 | B1 | 09-09-2003 | Garlapati et al. |

| NON PATENT LITERATURE DOCUMENTS |                          |   |                |  |
|---------------------------------|--------------------------|---|----------------|--|
| Examiner*<br>Initials           | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.         | T <sup>6</sup> |  |
|                                 | 23.                      | NN78055443, "Automatic Remap", IBM Technical Disclosure Bulletin, Vol. 20, No. 12, May 1978, pp. 5443-5445 (5 pages).   |                |  |
|                                 | 24.                      | NN9411291, "Design of Portable Library using Parameterized Cells", IBM Technical Disclosure Bulletin, Vol. 37, No. 11, pp. 291-292 (4 pages).   |                |  |
|                                 | 25.                      | Markovic et al., "FPGA to ASIC Conversion Design Methodology with the Support for Fast Retargeting to Different CMOS Implementation Technologies", Proceedings of 2002 22 <sup>nd</sup> International Conference on Microelectronics, Vol. 2, 14 May 2000, pp. 703-706. |                |  |
|                                 | 26.                      | Ruiz et al., "Design and Prototyping of DSP Custom Circuits Based on a Library of Arithmetic Components", Vol. 1, 9 November 1997, pp. 191-196.   |                |  |
|                                 | 27.                      | Tamiya, Y., "Delay Estimation for Technology Independent Synthesis", 1997 Proceedings of the ASP-DAC '97, Asia and South Pacific Design Automation Conference, 28 January 1997, pp. 31-36.  |                |  |

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